

ABSTRACT**AUTOMATIC PET DOOR**

A pet door comprising a flap defining a pet access opening, a door flap pivotally mounted in the opening about a pivot axis located at an upper edge of the door flap, a latch mechanism to bar the door flap from opening in at least one direction, and a control mechanism for disabling the latch mechanism to permit the door flap to open in the said at least one direction, the control mechanism including an infrared radiation detector which is mounted above a lower edge of the pet access opening and defines a downwardly directed receiving zone for infrared radiation.